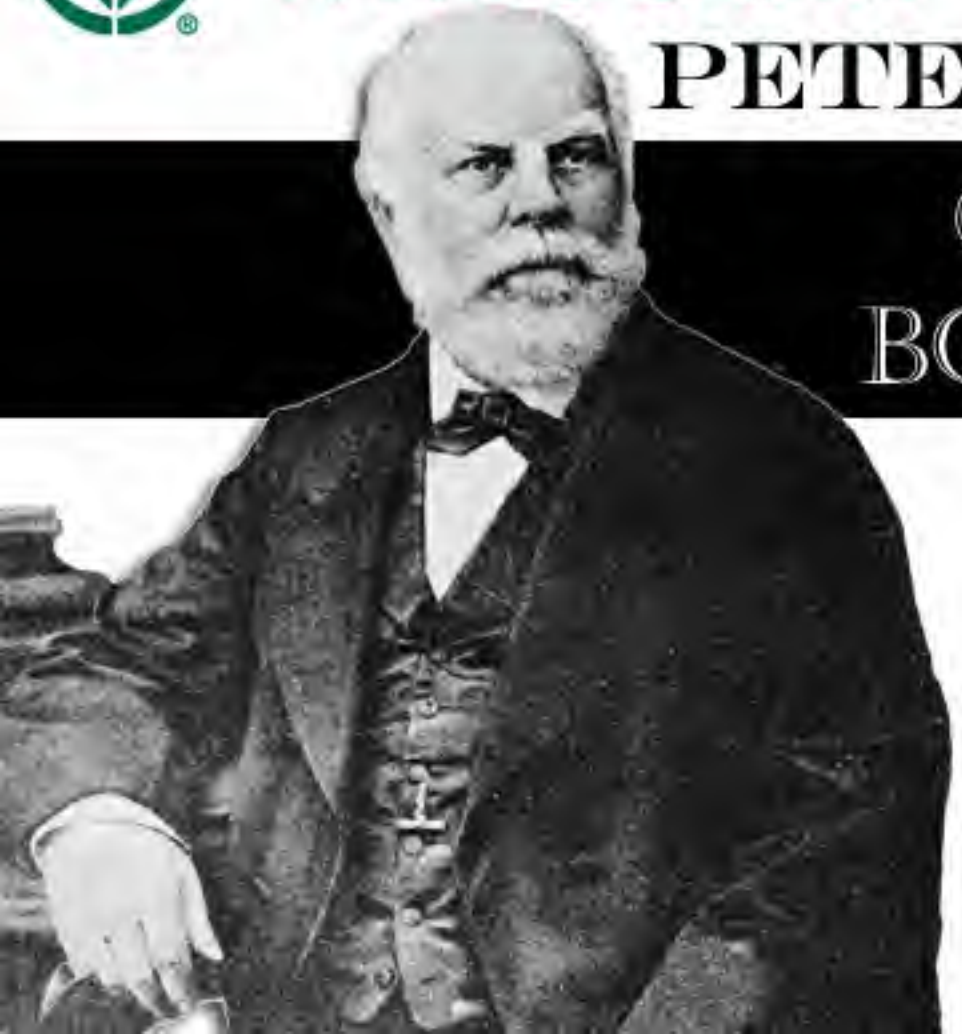
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks

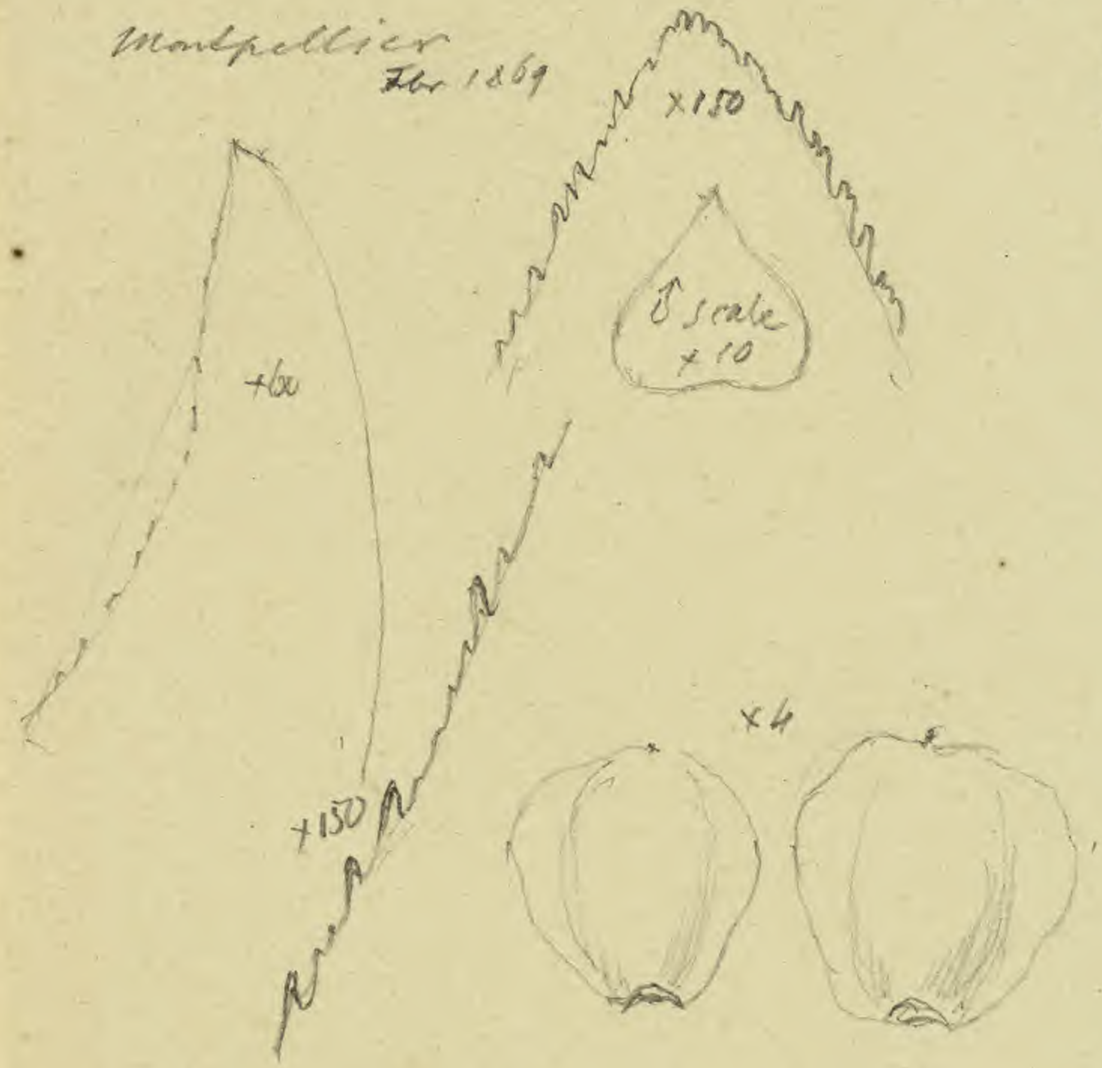


Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Cupressus elegans
= Lindleyi

Nov 24 1881

Montpellier
Feb 1869



but anthers ale very acute
cones 5–6 lin diam. glaucous, 6 scales (all)

Villa Floridiana is exactly th same
Dec. 1862, Naples

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10858.

cm 0 1 2 3 4 5 6 7 8 9 10
MISSOURI BOTANICAL GARDEN
copyright reserved

Aloe arborescens Mill.
atrovirens DC.
attenuata Haw.
brachyphylla S. Dyck.
coarctata R. S.
distans Haw.
disticha L.
echinata Willd.
elongata S. D.
ensifolia Schult.
excavata Willd.
flavispina Haw.
hamburyana Ndn.
Haworthii H. Neap.
hybrida S. D.
latifolia Schult.
macrocarpa Tod.
mitraeformis Willd.
mucronata R. S.
multifaria R. S.
nigricans Haw.
obscura Mill.
paniculata Jacq.
parva R. S.
planifolia R. S.
pluripunctata Schult.
prolifera Haw.
Reinwardtii S. D.
retusa L.

Asphodelus tenuifolius Cav.
Bellevalia appendiculata Lap.
ciliata N. ab E.
dubia Kth.
romana Kth.
webbiana Parl.
Botryanthus albo-virens Tod.
atlanticus Coss.
commutatus Kth.
—*var.* latifolius
Heldreichii Jord.
neglectus Guss.
odorus Kth.
racemosus Kth.
—*var.* cylicicus
Sartori Tod.
Brodiaea grandiflora Smth.
Bulbine annua Willd.
frutescens Willd.
semibarbata Spr.
Calliproa flava Lindl.
Caruelia arabica Parl.
Dasylirium acrotrichum Zucc.
Drymopsis maculata Hort.
Endymion campanulatus Dmrt.
cernuus Dmrt.
nutans Dmrt.
patulus Dmrt.
Eucomis punctata L'Herit.

Ornithogalum atticum Orph.
byzantinum Strgw.
caudatum Ait.
contortum Tenor.
excapum Tin.
Gussonei Ten.
lacteum Jacq.
longebracteatum Jacq.
minus L.
nanum Sbth.
narbonense L.
neglectum Parl.
paterfamilias Gren.
sabaudum Hgn.
tenuifolium Guss.
thyrsoides Jacq.
Peribaea corymbosa Kth.
Phalangium nepalense Lindl.
Polyanthes tuberosa L.
Scilla algeriensis Hort.
autumnalis L.
bifolia L.
Clusii Parl.
—*var.* albiflora
cupaniana Guss.
elongata Parl.
Filangeri Tin.
gallica Tod.
intermedia Guss.

Missouri Botanical Garden
cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved

Sparaxis bulbifera Ker.
—*plur. var.*
grandiflora Ker.
—*plur. var.*
tricolor Ker.
—*plur. var.*
Thelysia persica Parl.
Tritonia crocata Ker.
—*plur. var.*
deusta Gawl.
—*plur. var.*
fenestrata Ker.
—*plur. var.*
lineata Ker.
miniata Gawl.
—*plur. var.*
squallida Ker.
Xyphium acutum Molin.
aequilobum Led.
flexuosum Murr.
foetidissimum Parl.
glaucescens Bung.
gramineum L.
halophyllum Pall.

Juncus Angelisii Ten.
articulatus L.
balticus Willd.
bufonius L.
capillaceus Lam.
Chamissonii Kth.
communis Mey.
—*var.* conglomeratus
—*var.* effusus
compressus Jacq.
fistulosus Guss.
Gerardi Lois.
glaucus Ehr.
lamprocarpus Ehr.
maritimus Smth.
multiflorus Desf.
nodosus L.
—*var.* megacephalus
pallidus R. Br.
paniculatus R. Br.
platycaulis H. B.
prismatocarpus R. Br.
sylvaticus Reich.
[illegible]

Allium descendens L.
Deseglisei Bor.
flavescens Poepp.
flavum L.
flexifolium Jord.
foliosum Fisch.
fuscum R. S.
glaucum Schrad.
globosum Bbrst.
hallerianum Don.
hymenophysum Led.
inodorum Ait.
longispathum Red.
lusitanicum Lam.
Moly L.
moschatum L.
neapolitanum Cyr.
neglectum Wender.
nigrum L.
—*var.* albiflorum
nutans L.
ochroleucum W. et K.
oleraceum L.
ophioscordon Don.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS.
10859

cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

"Cupressus thuniferа"

Hort Montpellier 1/3 1869

Dec 2 1881

×60

×150

×150

anther sac

×10

×10

×4

6 fertile scales
each with 7–9
ovules

10860

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

"Cupressus Thuyoides"

Nov 25 1881

Hort Montpellier / March 1869

leaf ×60

×150

×150

scale

×10

×10

glands very prominent

--- bract

--- scale

edge of ♀ bract ×150

female scale ×10

13 ovules

ovule ×60

8–12 ovules on scale

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10861

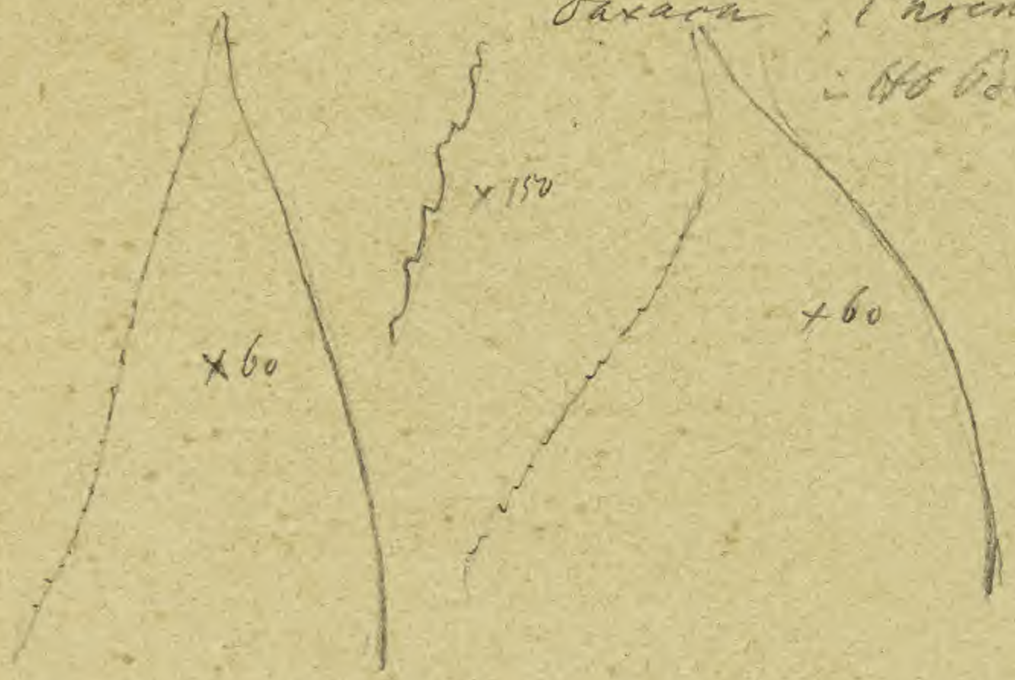
H. W. BARKHOEFER & CO.,
DRUGGISTS & PHARMACISTS,
No. 2934 Olive Street, S. E. Corner Garrison Avenue,
ST. LOUIS, MO.

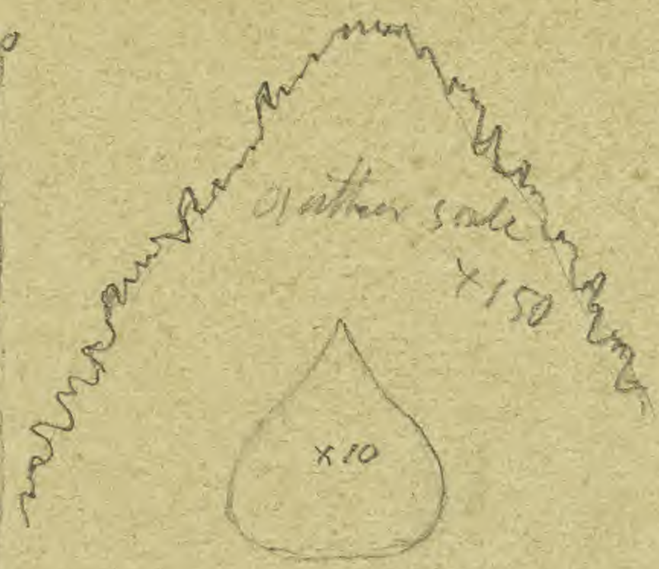
℞

Cooperstown Thurs Ferry

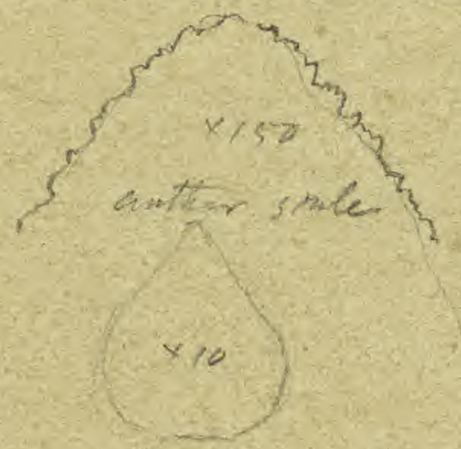
Nov 25 1881

Oaxaca ; Ehrenberg
: 66 Berlin





Thuja ? ? Wade
in Herb Torrey
leaves still longer
and more acute



0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

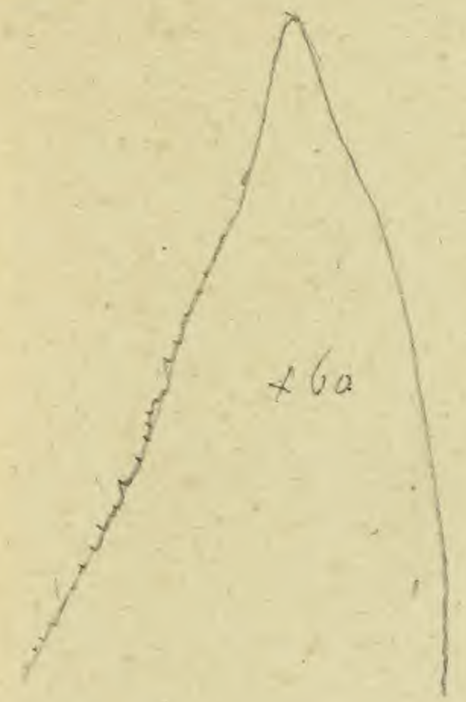
10862

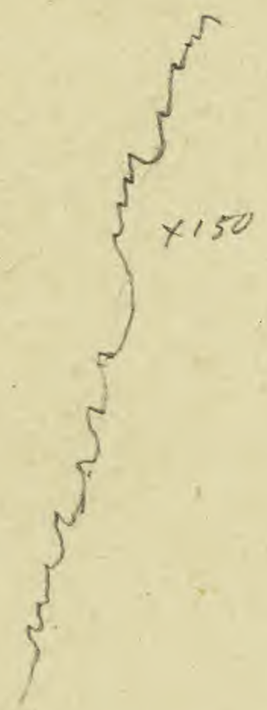
cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

" Cuyaveia thamifera "

Nov 25 1881

(Schmick & Hange) mis 1884





(b)

mixed with the seeds - a stone scale ?

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10863

cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

prostrata DC.
Flaveria contrayerva Lag.
Gaillardia aristata Prsh.
Drummondi DC.
picta Sweet.
Gazania uniflora Ker.
Gnaphalium involucratum Forst.
Gonospermum fruticosum Less.
Grindelia arguta Schrad.
inuloides Willd.
Guizotia oleifera DC.
Schimperi C. H. Schultz.
Hebeclinium atrorubens Lem.
janthinum Hook.
megalophyllum Lem.
panamense Hort.
Hedypnois cretica Willd.
mauritanica Willd.
pendula Balb.
polymorpha DC.
rhagadioloides L.
tubaeformis Ten.
Helenium autumnale L.
commutatum Maund.
puberulum DC.
Helianthus californicus DC.
canus Hort.

Heliogyne glabrata Bartl.
Hemizonia pungens Torr. et Gr.
truncata A. Gr.
Heterospermum pinnatum Cav.
Hieracium lucidum Guss.
Hyoseris lucida Lin.
radiata Gaert.
Hypochaeris arachnoidea Poir.
Balbisii Lois.
glabra L.
neapolitana DC.
radicata Lin.
—*var.* heterocarpa
salzmanniana DC.
Intybellia pulchra Monn.
Inula candida Coss.
crithmoides DC.
semiamplexicaulis Reut.
Iva frutescens Lin.
Kalbfussia Mulleri C.H. Schult.
Salzmanni Schult.
Kentrophyllum flavescens DC.
leucocaulon DC.
tauricum F. et M.
tenue Dec.
Kleinia anteuphorbium DC.
Mandraliscae Tin.

stellata F. et M.
Maruta cotula Cass.
Matricaria nigellaefolia DC.
Melampodium macranthum Hort.
Metabasis aethnensis DC.
Microlonchus Delastrii Jord.
Durieui Spch.
tenellus Spch.
Milleria quinqueflora L.
Monolopia californica Hort.
Montagnea heracleifolia Hort.
Notobasis syriaca Cass.
Obeliscaria atrosanguinea Hort. Matr.
pinnata Cass.
pulcherrima DC.
Onopordom acaule Lin.
alexandrinum Boiss.
libanoticum Boiss. et Bl.
macranthum Schsb.
virens DC.
Ormenis mixta DC.
Oxyura chrysanthemoides DC.
Parthenium integrifolium Lin.
Petasites albus Gaert.
Phaecasium pulchrum Cass.
Phagnalon calycinus DC.

0 cm 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

crocifolia Sbth.
deliciosa Tin.
hirsuta Lin.
inaequiscapa Boiss.
intermedia Guss.
laciniata Lin.
villosa Scop.
Senecio aegyptiacus Lin.
ambiguus DC.
andryaloides DC.
arabicus Lin.
bicolor Tod.
ceratophyllus Ten.
coriaceus Ait.
elegans Lin.
—*plur. var.* fl. pleno
foeniculaceus Ten.
gallicus Vill.
gibbosus DC.
Kaempferi DC.
maritimus Lin. f.
mikanioides Ott.
sempervirens Lin.
ulmifolia Mhlg.
Sonchus arvensis Lin.
asper Vill.
graecus Boiss.
gummifer Lk.
hyoserifolius Hornm.
laevigatus Willd.
oleraceus Lin.
pinnatus Ait.
spinosus DC.
tenerrimus Lin.
Spilanthes leucantha H. B.
Sphenogyne anthemoides R. Br.
microcephala Hort.
versicolor DC.
Stenactis floribunda Hort.
speciosa Lindl.
Stevia ivaefolia Willd.
laxiflora DC.
monardaefolia H. B.
nepetaefolia H. B.
—*var.* crinita Lowe.
sexaristata Biv.
Tragopogon australe Jord.
brevirostre Boiss.
Cupani Guss.
floccosum W. K.
mutabile Jacq.
Troximon apargioides Less.
Uhdea bipinnatifida Hort.
Urospermum picrioides Desf.
Verbesina coreopsis Mich.
crocata Less.
phaetusa Cass.
serrata Cav.
Vernonia eminens Bich.
fasciculata T. et Gr.
praealta DC.
scaberrima Nutt.
scorpioides Pers.
Xanthisma texanum DC.
Xanthium echinatum Murr.
inaequilaterum DC.

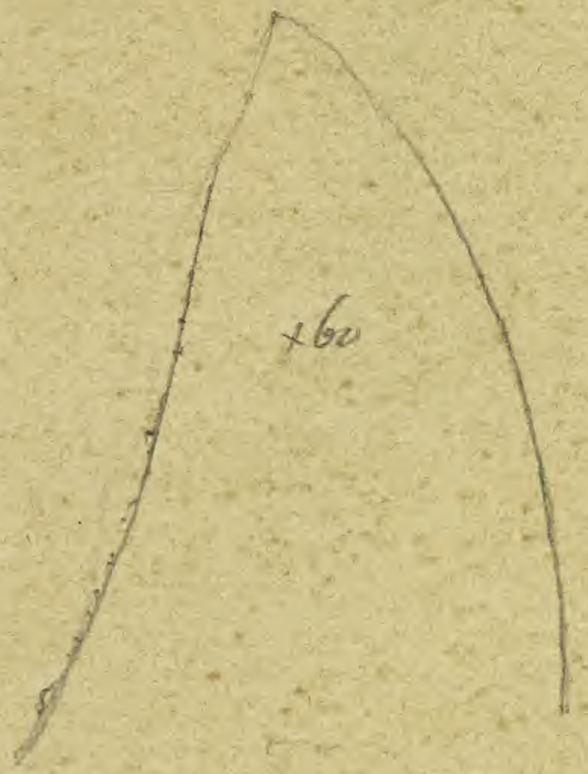
10864

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

MISSOURI BOTANICAL GARDEN
copyright reserved
cm 0 1 2 3 4 5 6 7 8 9 10

Cupressus Benthamii (cultivation) Nov 25 1881

Mexico, Hinds ; HS Berlin N. 72



Cone with 8 scales
6 cm diameter
scales with short
spinous knobs

glaucous a little more
distinct, small
branches thicker

×4

Mexico, Ehrenberg N2 9
is similar (no cones seen)
the slender form

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

10865

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

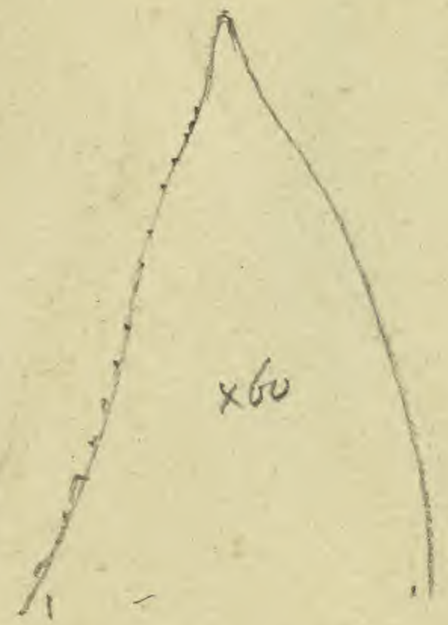
ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Cupressus Benthamii Endl — Nov 25th 1881

Mexico Hartweg 434



Cones to 1 cm diameter
& their scales with prickly
knobs near the middle

glands very
indistinct.

"a more slender and weeping
plant than Benthami, probably
= Thurifera" J. D. Hooker 1881
C. Knightiana appears the same

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

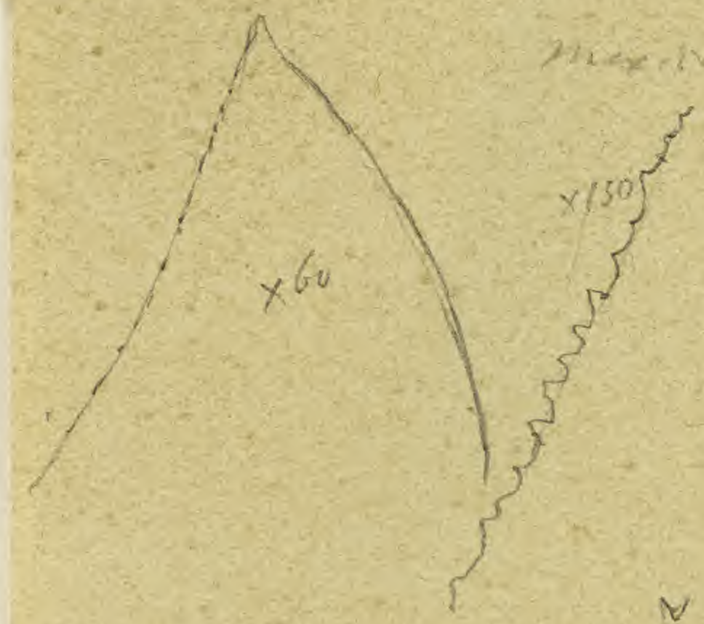
MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10866

cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

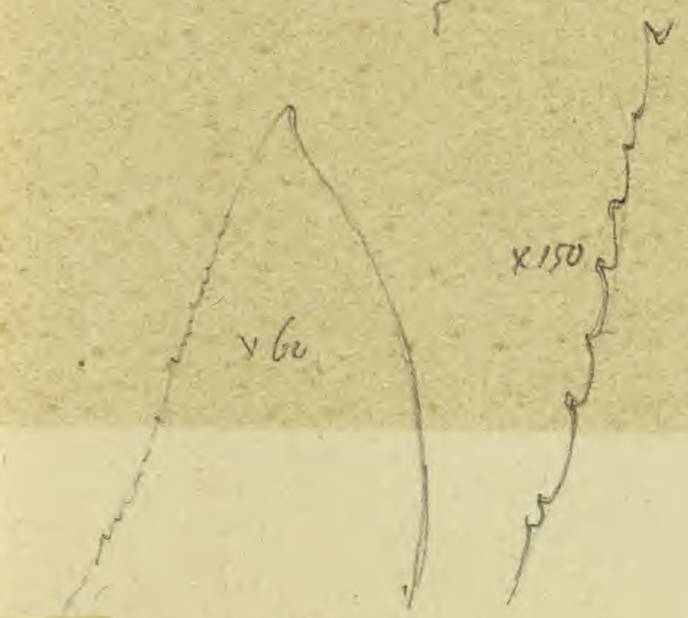
Cyperus Benthamii Endl. Nov 25 1881

Mex. IV, C. Ehrenberg ± Bot Berlin 949

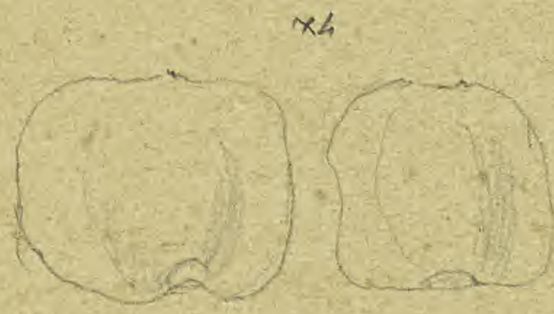


glumes distichous

Culms 5 l. diam.
4 sided, thin, strongly knobbed in middle or a little above



glumes very distinct



Culms 4½ – 5 lines.
6 sided, with pointed knobs above middle

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

10867

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

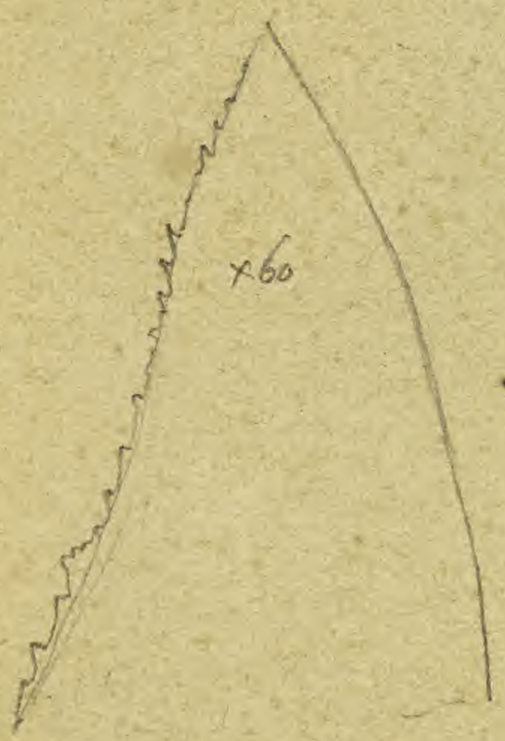
No. 2934 Olive Street, S. E. Corner Garrison Avenue,

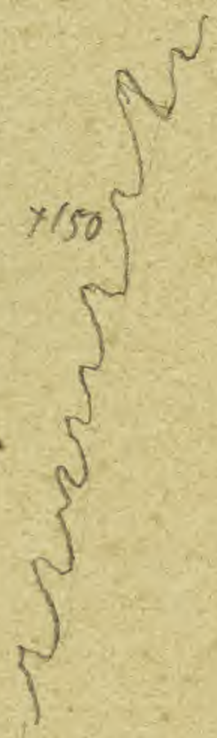
ST. LOUIS, MO.

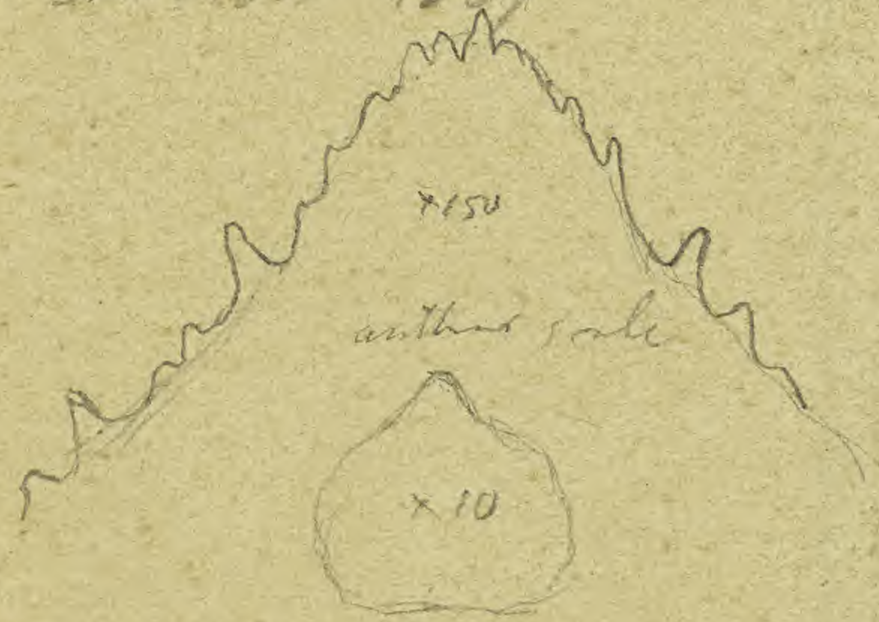
℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Cupressus Bentham
A. Ch. Nov 29 1881
Nov 29 1881







Cones 6 Cms diam
6–8 scales, knobbed
near the upper edge
Knobs with foliaceous

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,
DRUGGISTS & PHARMACISTS,
No. 2934 Olive Street, S. E. Corner Garrison Avenue,
ST. LOUIS, MO.

℞

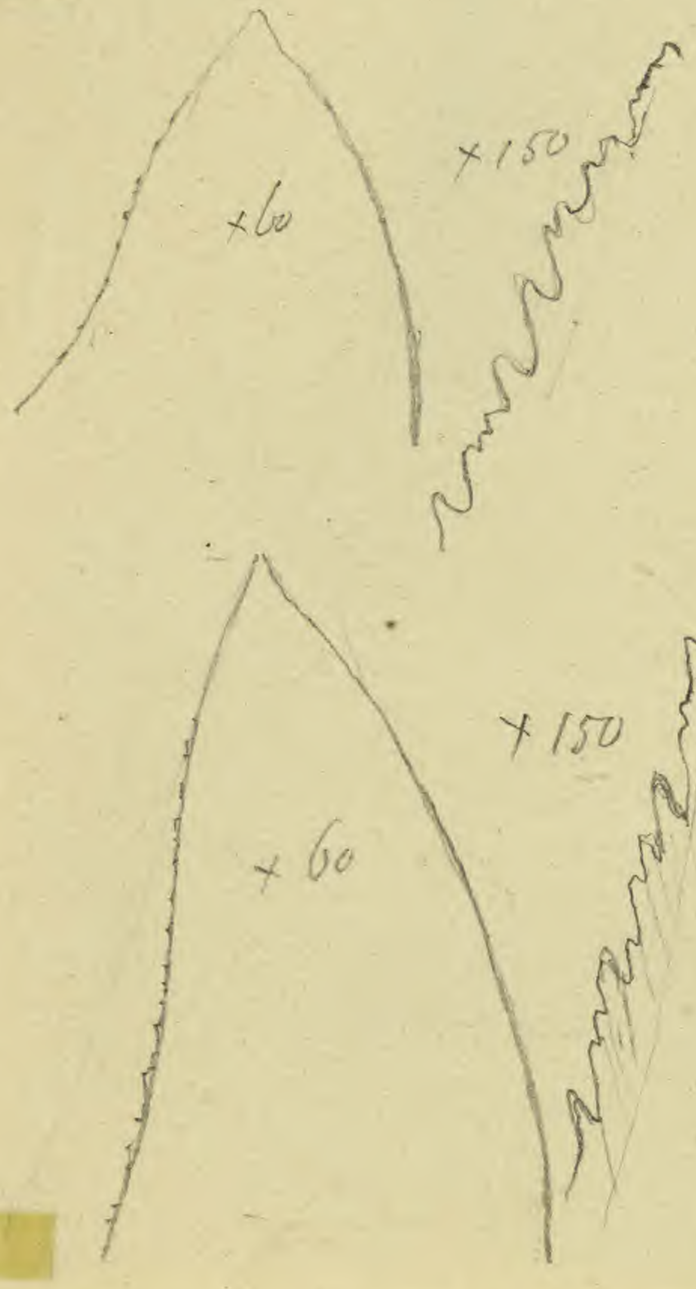
MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS.

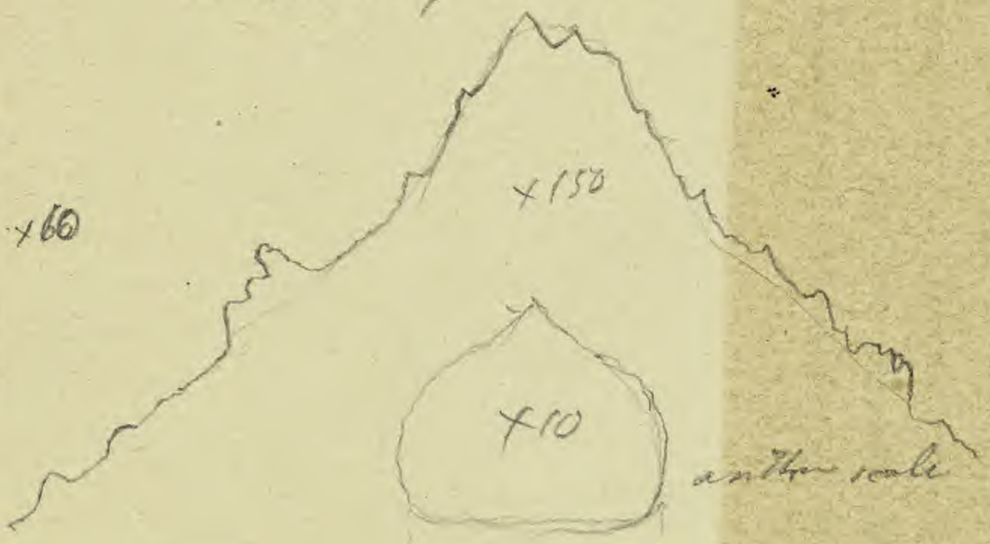
cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

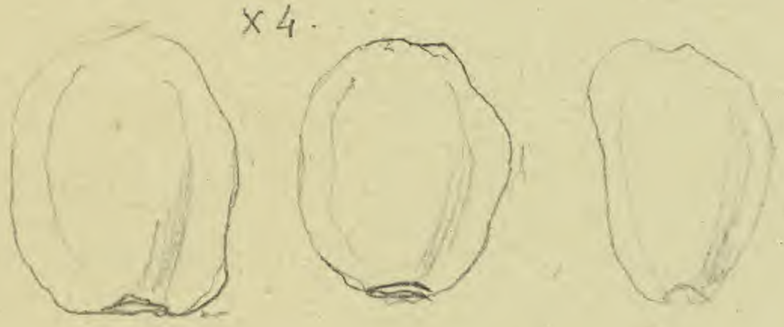
Cupressus Burkhamii

Nov 29 1881

L. Hahn, mgr.







Cones 5 lines diam
8 scales, thin
Kn blunt above center
Knobs tubercles

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

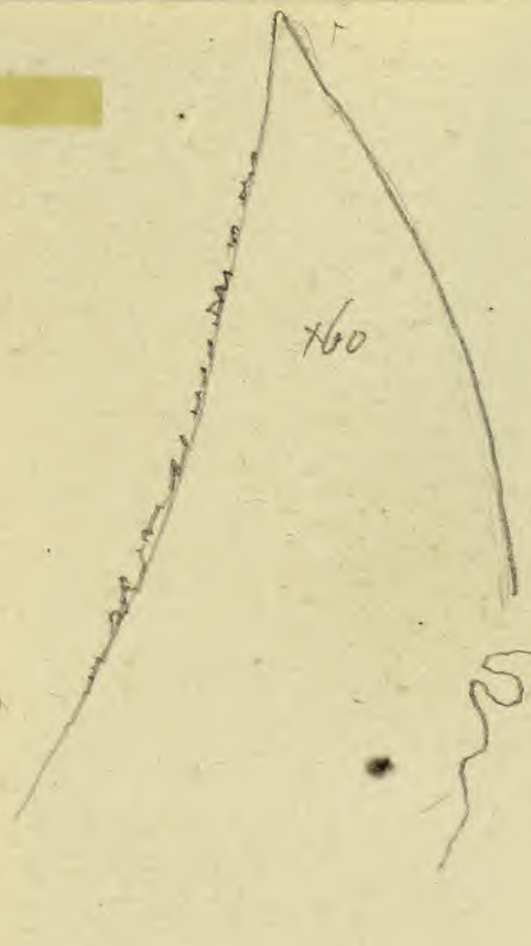
10869

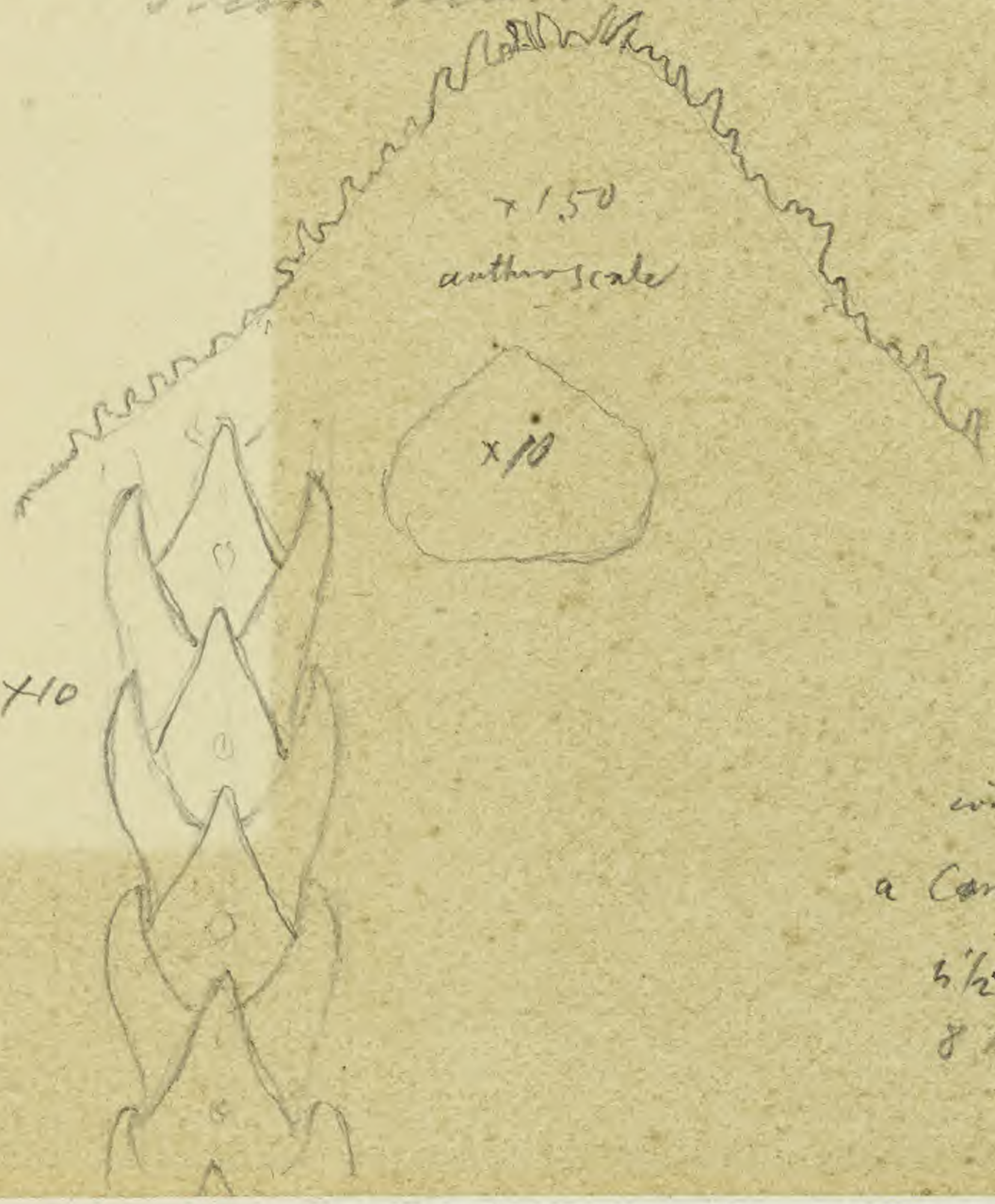
cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

Cupressus Bakeri "

Nov 20 1891

Seed bearer in the Mendocino Reservation





with this is placed:
a Cone from Ukiah
5½ cm diam
8 thin knobbed scales

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0801 10870

cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

Aster. Tradescantii L.
umbellatus Ait.
versicolor Willd.
virginicus N. ab E.
Asteriscus mauritanicus Jord.
Asterothrix asperrima Cassin.
hispanica DC.
Baccaris halimifolia L.
pingraea DC.
Balsamita ageratifolia Desf.
vulgaris Willd.
Barkausia alpina DC.
balearica Coss.
bellidifolia L.
cernua Rchbch.
glandulosa Prsl.
juvenalis Delil.
leontodontoides Spr.
Marchalli C. A. M.
neglecta Gretn. et Godr.
purpurea Biv.
setosa DC.
vesicaria Dec.
Bellis annua Lin.
—*var.* caulescens
perennis L.
Bidens atrosanguinea Germ.
chrysanthemoides Mchx.
grandiflora Balb.
leucantha Willd.
Carlina sicula Tenor.
Cenocline globifera C. Koch.
Centaurea algeriensis Coss. et Dur.
americana Nutt.
aspera L.
babylonica Willd.
busambarensis Guss.
calocephala Willd.
cerinthifolia Sib. Sm.
cichoracea L.
cicutaefolia Horn.
cineraria Lin.
cinerea Lin.
Clementei Boiss.
cristata Bartl.
crocodylium L.
depressa Bbrst.
ferox Desf.
Fontanesii Spch.
glastifolia L.
lacera Ten.
leucophaea Jord.
maritima Dufour.
melitensis L.
microphylla Gr. et Godr.
microptilium Gr. et Godr.
napifolia L.
nigrescens Willd.
—*var.* discoidea
Chamaemelum glabrum Fzl.
inodorum Vis.
trichophyllum Boiss.
Chamaepeuce Casabonae DC.
Chardinia xeranthemoides Desf.
Charieis coerulea N. ab E.
heteropylla Cass.
Chartolepis schizolepis Boiss.
Chrysanthemum carinatum S.B.
—*pluv. var.*
coronarium L.
pseudo-anthemis Sch. Bip.
pumilum Willd.
Roxburghii Desf.
Chrysocoma coma-aurea L.
Cirsium flavispinnm Boiss.
lanceolatum Scop.
pratense Dec.
tuberosum All.
Cnicus benedictus Gaert.
Kotschyi Sch. Bip.
pseudo-benedictus A. Br.
Conyza abyssinica Sch. Bip.
carolinensis Jacq.
Coreopsis atkinsoniana Hk.et Ar.
bicolor Roxb.
coronata Hook.
diversifolia DC.
lanceolata L.
longipes Hook.

MISSOURI BOTANICAL GARDEN
0 1 2 3 4 5 6 7 8 9 10 cm
copyright reserved

Cistus albidus Lin.
arborescens Poir.
canescens Sweet.
corsicus Lin.
creticus L.
cyprius Lam.
eriocalyx Vivian.
formosus Curt.
heterophyllus Desf.
hirsutus Lam.
holosericeus Desf.
incanus L.
lanuginosus Vivian.
laurifolius L.
laxus Ait.
monspeliensis L.
—*var.* luxurians
obtusifolius Sweet.
parviflorus Lam.
purpureus Lam.
rotundifolius Sweet.
salviaefolius L.
sericeus Vahl.
tauricus Prsl.
undulatus Lk.

Agathaea amelloides DC.
spathulata K.
Ageratum coelestinum L.
pl. *var.*
mexicanum Sweet.
—*var.* imperiale
triangulare Ten.
Aldama uniserialis A. Gr.
Ambrosia maritima L.
Ammobium alatum R. Br.
Anacyclus officinarum Hayn.
pedunculatus Pers.
tomentosus D. C.
Andryala laxiflora DC.
undulata Prsl.
Angelandra pinnatifida E.
Anthemis aurea DC.
chrysoleuca Gay.
cupaniana Tod.
Neilreichii Ortm.
nobilis Lin.
piscinalis Dur.
sphacelata Prsl.
Anthrospermum floribundum P.

Aster asper N. ab. E.
azureus Lindl.
bellidifolius Willd.
bicolor Dietr.
blandus Flour.
brumalis N. ab E.
calendulaceus Bert.
ciliatus Willd.
commixtus DC.
concinnus Willd.
conspicuus Lindl.
cyaneus Hoffm.
Drummondii Lindl.
dumosus L.
elegans Willd.
ericoides L.
firmus N. ab E.
formosissimus Hort.
fragilis Willd.
glabellus N. ab E.
ircutianus DC.
junceus N. ab E.
—*var.* tenuifolius
laevigatus Wlld.

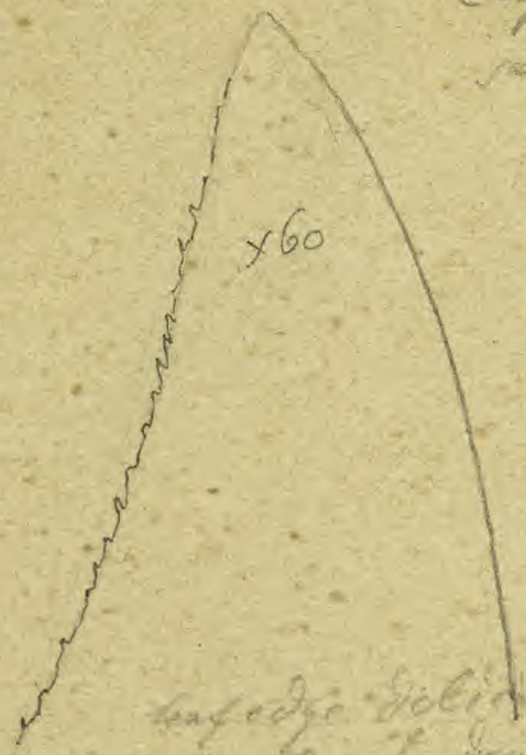
MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS
10871

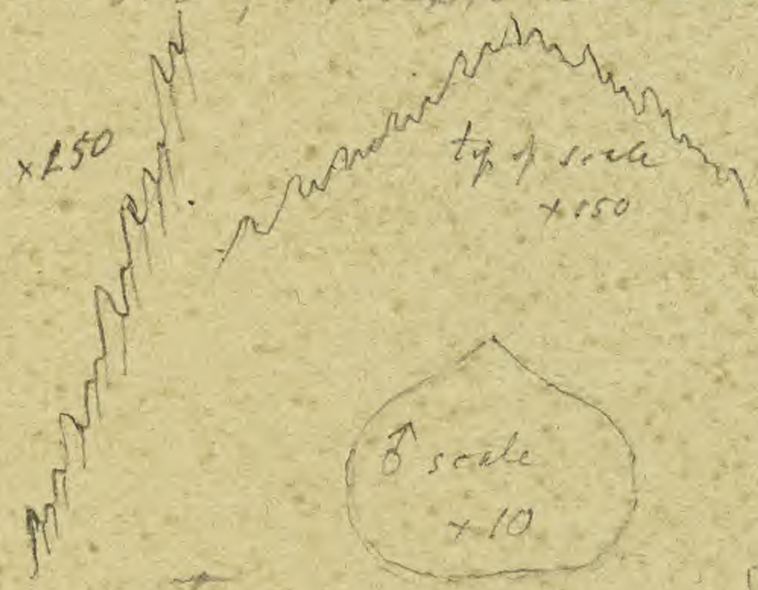
0 cm 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

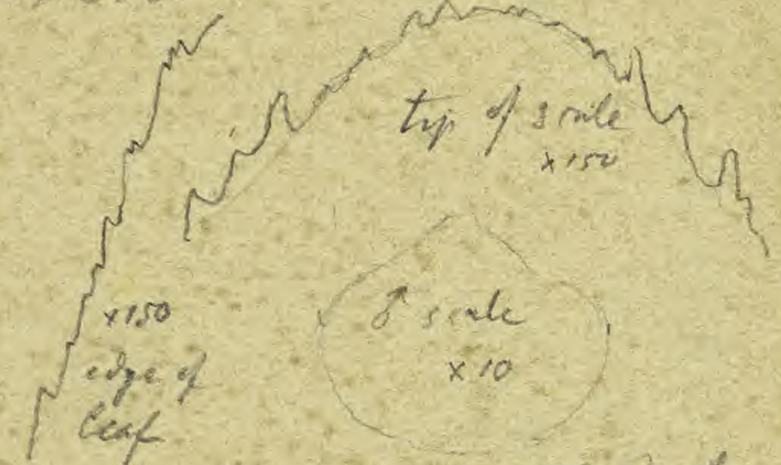
Cupressus Lindleyi Klotzsch

San Francisco, Mexico. Ekenberg in Hb Berlin

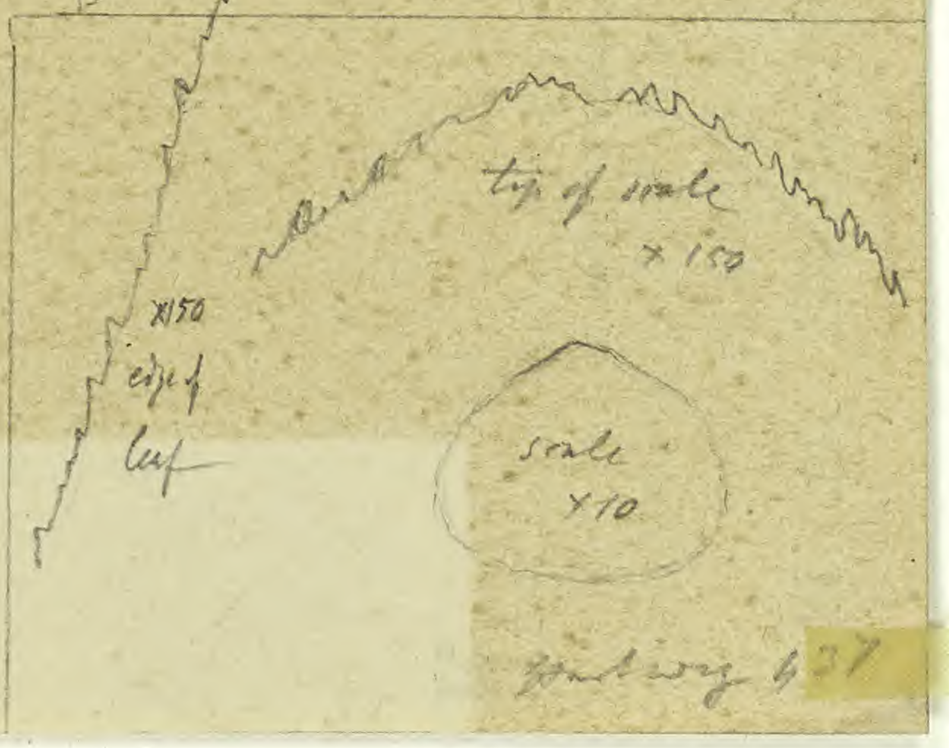
Nov 24 1881



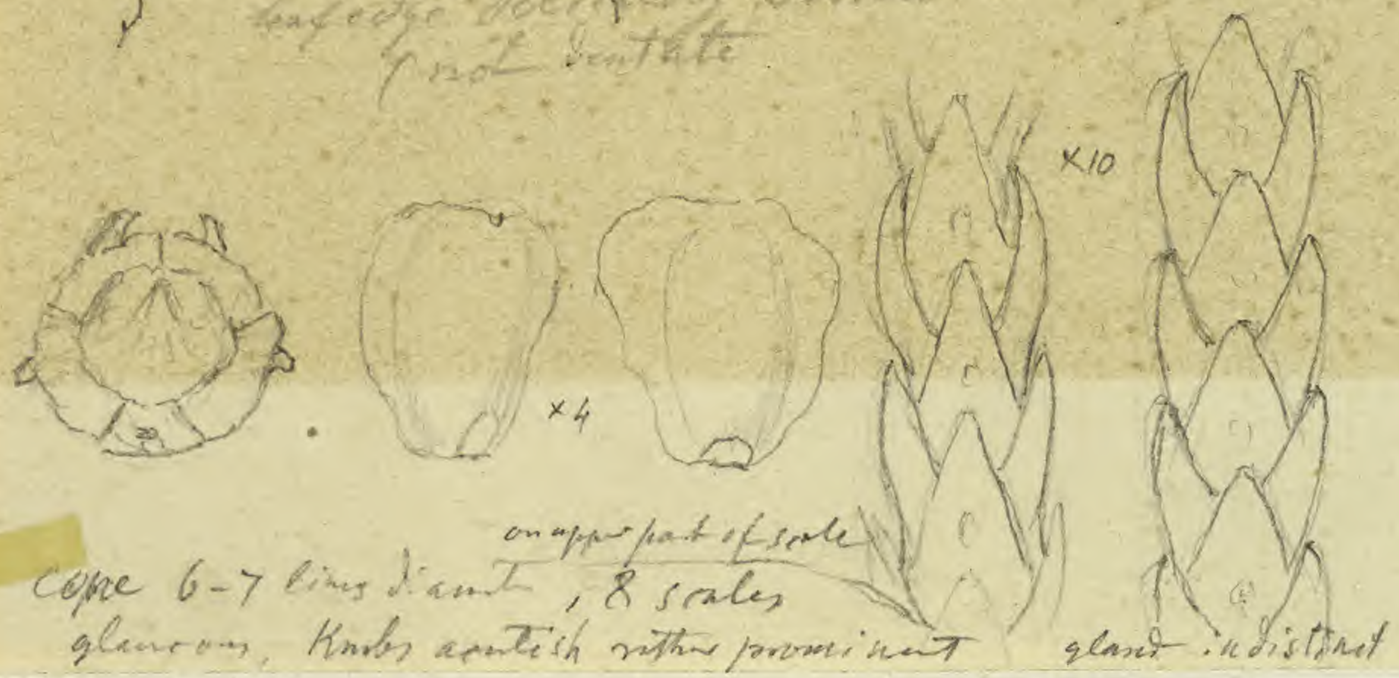




Aschenborn in Hb Berlin



Ekenberg 437



on upper part of scale

Cupr 6-7 lins diam, 8 scales glaucous, Knobs acutish rather prominent

gland indistinct

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

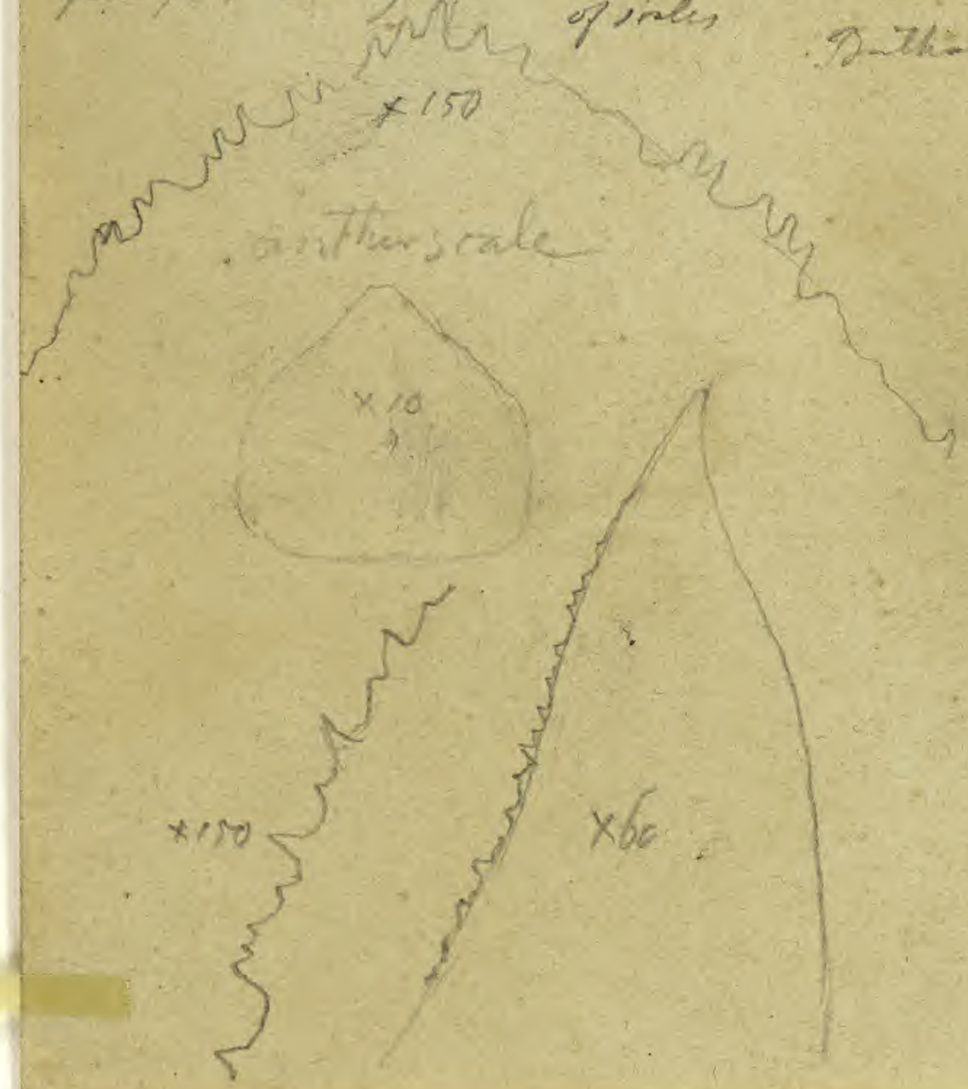
10872

cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN

Capriesus

Howard's Garden San Matteo Calif
1880 Orig

anther 8 pairs
fem fl. tetragon on keel of sides
N. 1.



Capparis

Dec 11 1881

San Matteo Calif 1880 Orig
Howard's Garden

fem fl. tetragon on edge of scales
N. 2

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10873

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

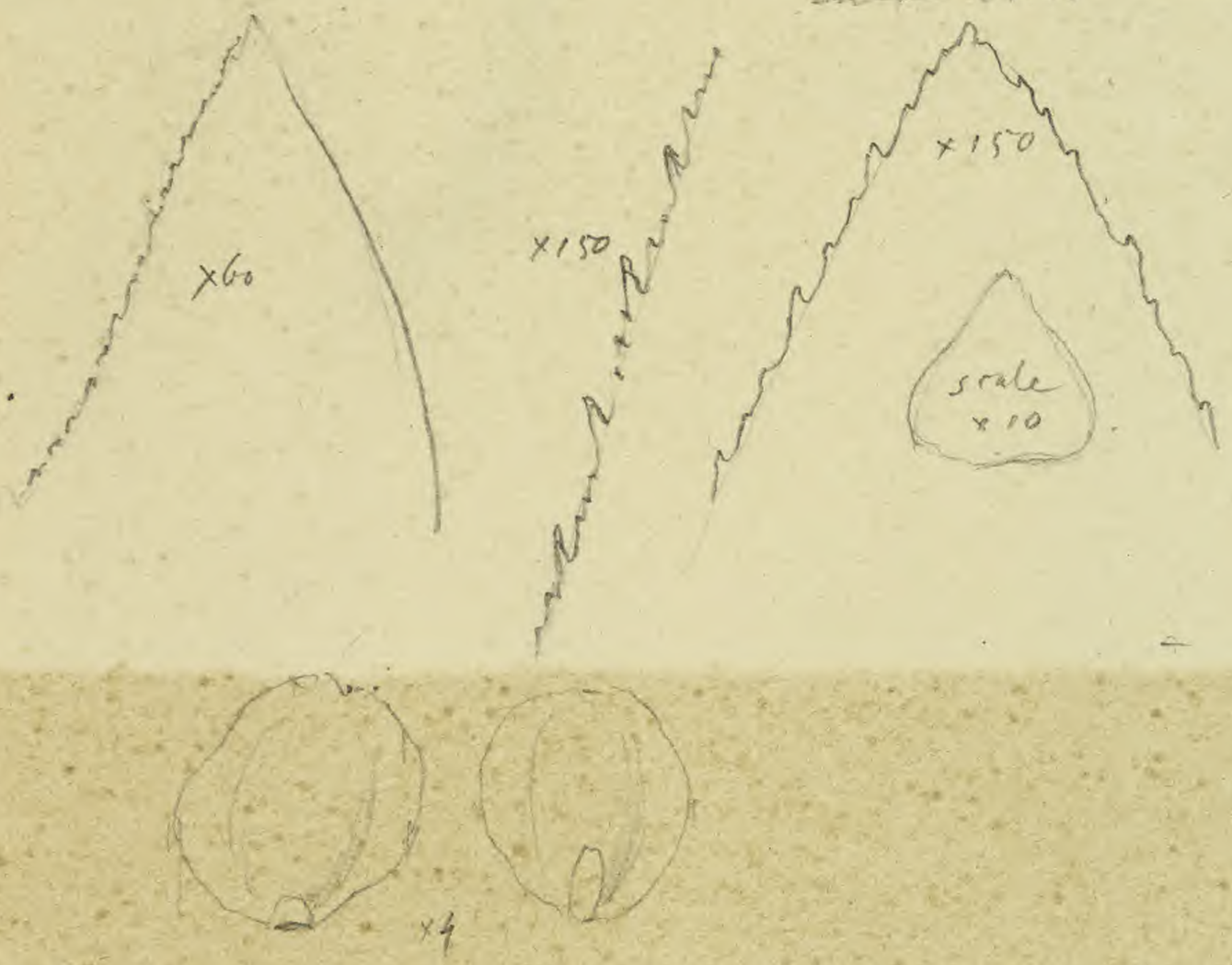
No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

Nov 24 1881

Cupressus Lindleyi
with Host Thuret, Antibes Feb 1869



0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

ST. LOUIS, MO.

℞

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

10874

cm 0 1 2 3 4 5 6 7 8 9 10
copyright reserved
MISSOURI BOTANICAL GARDEN